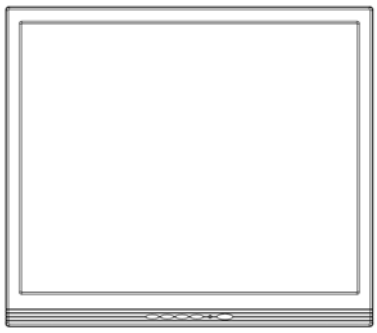
USER'S MANUAL

VISTA 15"/17"/19" TFT LCD MONITOR

MODEL: VLFSM15D/17D/19Dh Series

V I S T A



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FCC INFORMATION

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Shielded interface cables and A.C. power cord, if any, must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user ' s authority to operate the equipment.

CE INFORMATION

The product must be installed according to the currently valid installation regulations for EMC to guarantee the designed use and to prevent EMC problems.

The device supplied with this manual is according to the EC, EMC Directive, 89/336/EEC & LVD 73/23/EEC

Standard used for showing compliance with the essential requirements of the device:
EN 55022
EN 61000-3-2
EN 61000-3-3
EN 50130-4
EN 55024
LVD: EN 60950-1

SAFETY PRECAUTIONS

1. Do not modify the three-prong grounding type monitor power plug in any way.
2. Operate this unit only from the type of power source indicated on the label.
3. Do not block or cover ventilation openings on the back or bottom of the monitor cabinet.
4. Do not place this monitor near a radiator or heating vent.
5. Do not push objects of any kind through cabinet openings. This may result in fire or electrical shock.
6. Before adding attachments always ask a service technician to perform routine safety tests to determine that equipment is in safe operating condition. Ground potential tests should be part of the routine safety check made by the service technician.
7. Do not place monitor on an unstable cart, stand, or shelf where it may fall and injure personnel or damage equipment.
8. Route power cords so that they cannot be walked upon or tripped over. Do not allow anything to rest on the power cord.
9. Do not install monitor in wet areas, or where it may be exposed to rain or water. Do not spill liquid of any kind on the unit.
10. Unplug the power cord from the unit before cleaning the display. Use only a damp cloth. Do not use alcohol, spirits, or ammonia to clean the display. DO NOT ATTEMPT TO CLEAN THE INTERIOR OF THIS UNIT- THIS ACTION MUST BE PERFORMED BY THE SERVICE TECHNICIAN AS REQUIRED DURING NORMAL MAINTENANCE.
11. Refer all servicing to qualified service personnel. REMOVAL OF BACK COVER BY UNAUTHORIZED PERSONNEL MAY EXPOSE THE USER TO DANGEROUS VOLTAGES OR OTHER HAZARDS.
12. Unplug the unit immediately and notify the service technician.
    A. If liquid has been spilled into the display or the display has been exposed to rain or water.
    B. If the unit has been dropped or the cabinet damaged.
    C. If fuses continue to blow.
    D. If the power cord is damaged or frayed.
    E. If a distinct change from normal operation is apparent.

When replacement parts are required, be sure that the service technician uses components specified by the manufacturer which have the same characteristics as the original parts. UNAUTHORIZED SUBSTITUTIONS MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER HAZARDS.

Upon completion of any service or repairs, ask the technician to perform safety checks to determine that the equipment is in safe operating condition.

WARNING: SERIOUS SHOCK HAZARDS EXIST WITHIN THE COVERS OF THIS MONITOR. DO NOT OPEN THE COVERS UNDER ANY CIRCUMSTANCES, THERE ARE NO USER SERVICEABLE COMPONENTS INSIDE

1. GENERAL FEATURES

This is a high performance TFT LCD monitor up to 1280X1024 SXGA resolution. The LCD monitor has been designed for use with both PC and Video, comply with the power management regulations of VESA DPMS, supported by Plug & Play, complying with DDC1/2B.

FEATURES
100~240V AC Power Supply
NTSC/PAL Auto-Detect
High Resolution
PC Input
Video Input
Audio Input
Y/C Input
OSD With Multiple Languages

2. SETTING UP

Read this chapter for important safety information and how to set up and connect the display to your computer or camera.

- Check the attachment of monitor. There is power cord, power adapter user's manual and PC signal cable.
- Make sure the surface for placing the LCD monitor is stable and level.
- Keep the monitor away from sources of liquids and moisture.
- Keep the monitor's vents free from obstruction.
- If you will not be using the monitor and computer for a day or more, turn off both devices.

2.1 CONNECT THE MONITOR TO YOUR COMPUTER

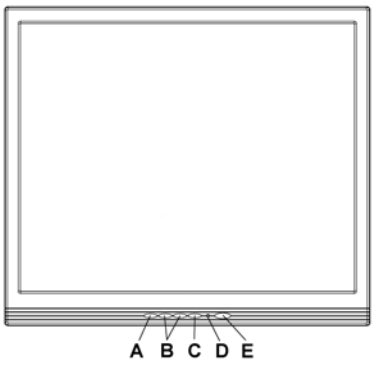
- Make sure the computer is turned off.
- Plug in the monitor.
- Connect the PC signal cable from the computer to the monitor.
- Turn on the computer.
- Push the power button in front of the monitor.
- Push the Auto button to display PC input signal.

2.2 CONNECT THE MONITOR TO THE VIDEO SOURCE

- Plug in the monitor.
- Connect the video signal to the monitor.
- Push the power button in front of the monitor.
- Push the Auto button to display video input signal.

3. CONTROLS AND INDICATORS

3.1 FRONT PANEL



A. SELECT INPUT/ AUTO-ADJ/EXIT BUTTON
- Press the button to display the input signal which are selected on the screen.
- Press the button for 2 sec. to go into auto adj. function.
- Press the button to exit OSD menu.

B. UP(+), DOWN(-) BUTTONS
- Press UP(+) / DOWN(-) buttons to move the cursor to wanted parameter to be set up in OSD main menu.
- Press UP (+)/ DOWN(-) buttons to adjust the value of selected parameter in sub OSD menu.

C. MENU BUTTON
- Press the button to show the main OSD menu.
- As a confirmation key during the OSD operation.

D. POWER LED identification
- Green- Power on
- Black- Power off
- Orange- Stand by
- Flash Orange- Sleep mode

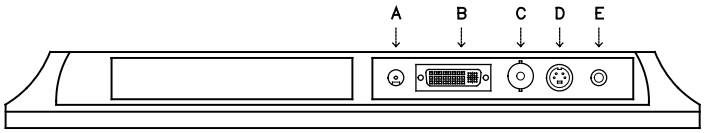
E. POWER BUTTON
- Press the button to turn on or turn off the monitor.

F. KEY-LOCK FUNCTION

- Key lock- Push A+C+E button for10sec .Then the OSD Show “Key Locked”
- Key unlocked- Push A+C+E button for 10sec .Then the OSD Show “Key Unlocked”

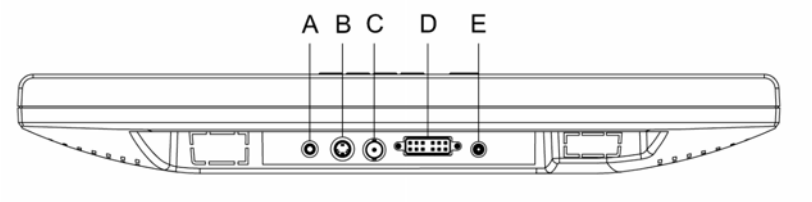
3.2 I/O CONNECTORS

VLFSM15/17D_h



A. DC 12V input
B. DVI-I(PC) input
C. CVBS input
D. S-VIDEO input
E. AUDIO input

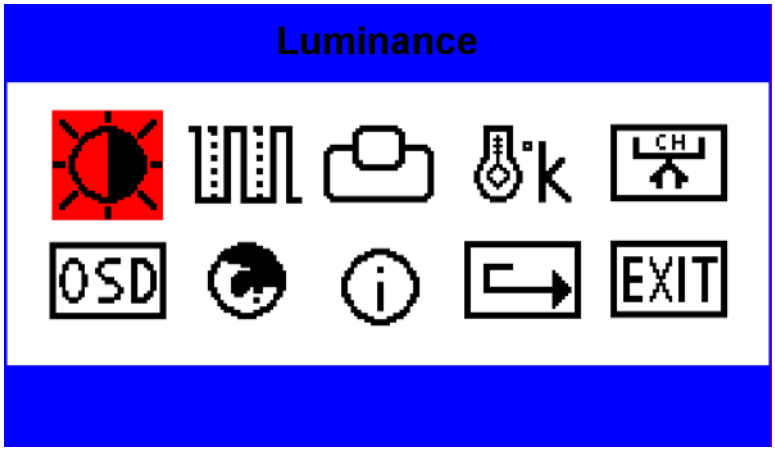
VLFSM19D_h



A. AUDIO input
B. S-VIDEO input
C. CVBS input
D. DVI-I(PC) input
E. DC 12V input

4. ON SCREEN DISPLAY (OSD)

Press Up(+), Down(-) buttons to select an icon, Press MENU button to change the values in the sub menu, then press AUTO button to exit OSD menu.



Luminance：Adjust the contrast & brightness value.

Image Setup：Omit at video mode. (Focus, Clock)

Image Position：Omit at video mode. (H/V Position)

Color Temp：**VGA/DVI** - Set the color temperature of the LCD monitor.
VIDEO - Set the Tint Saturation and Sharpness value.

Input Select：Input source select.

OSD Setup：Adjust the OSD window position and display time.

Language：Select the language to be used in OSD.
[ENGLISH / FRENCH / ITALIAN / GERMAN / SPANISH]

Information：Monitor information.

Reset：Factory Recall and Line-Lock. Note: When Link-Lock ON, the screen will change according to input signal.

EXIT：Exit OSD menu.

MODEL / DESCRIPTION		VLFSM15D_h	VLFSM17D_h
Panel type		15” TFT color LCD panel	17” TFT color LCD panel
Screen size		381mm diagonal	431mm diagonal
Viewable size		304.1mm (H) x 228.1mm (V)	337.9mm (H) x 270.3mm (V)
Dot pitch		0.297mm x 0.297mm	0.264mm x 0.264mm
Viewing angle (L/R/T/B)		70/70/60/65	70/70/65/65
Contrast ration		500:1	500:1
Brightness		250 cd/m²	300 cd/m²
Resolution		1024x768	1280x1024
Display color		16.2M colors	16.2M colors
Response time		16ms	12ms
Power input		100 – 240Vac	100 – 240Vac
Power consumption		18W	29W
Dimension (Physical) WxHxD mm		372x374x190 (with Base) 372x325x54(no Base)	372x374x190 (with Base) 372x325x54(no Base)
Weight (Physical)		3.3Kgs	3.8Kgs
Wall Mount		VESA STD	VESA STD
Input signal	DVI-I (PC)	FH: 31K –60KHz FV: 50 – 75Hz	FH: 31K –80KHz FV: 50 – 75Hz
		Signal: RGB - 0.707Vp-p / 75 ohm, H/V Sync – standard TTL input	
	DVI-I (DVI)	XGA(1024X768/60Hz)	SXGA(1280X1024/60Hz)
		Signal: TMDS	
	Video	NTSC/PAL composite video, Connector: 1 BNC for CVBS input, 1 mini-din 4pin for S-video Level: 1.0Vp-p / 75 ohm	
Audio	Input	Level: 1.0Vp-p / 1 KHz, connector: Phone-Jack	
	Speaker	Internal 2 x 1W	
User’s control		Power key, Menu / + / - / Auto key(i)	
Plug & Play		DDC2B	
Power Management		VESA DPMS compatible	
Regulation		CE UL, CUL, FCC-B	

Specification is subject to change without notice.

MODEL / DESCRIPTION		VLFSM19D_h
Panel type		19” TFT color LCD panel
Screen size		480mm diagonal
Viewable size		376.32mm (H) x 301.06mm (V)
Dot pitch		0.294mm x 0.294mm
Viewing angle (L/R/T/B)		70/70/75/60
Contrast ration		550:1
Brightness		270 cd/m²
Resolution		1280x1024
Display color		16.2M colors
Response time		8ms
Power input		100 – 240Vac
Power consumption		38W
Dimension (Physical) WxHxD mm		420X431.5X190mm (with Base) 420X431.5X54.5mm (no Base)
Weight (Physical)		5Kgs
Wall Mount		VESA STD
Input signal	DVI-I (PC)	FH: 31K –80KHz FV: 50 – 75Hz
		Signal: RGB - 0.707Vp-p / 75 ohm, H/V Sync – standard TTL input
	DVI-I (DVI)	SXGA(1280X1024/60Hz)
		Signal: TMDS
	Video	NTSC/PAL composite video, Connector: 1 BNC for CVBS input, 1 mini-din 4pin for S-video Level: 1.0Vp-p / 75 ohm
Audio	Input	Level: 1.0Vp-p / 1 KHz, connector: Phone-Jack
	Speaker	Internal 2 x 1W
User’s control		Power key, Menu / + / - / Auto key(i)
Plug & Play		DDC2B
Power Management		VESA DPMS compatible
Regulation		CE UL, CUL, FCC-B

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